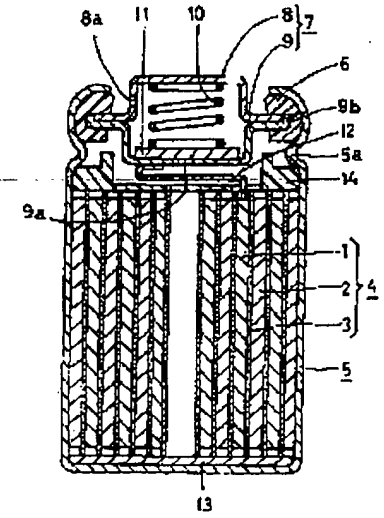
1/1 DWPI(C) Derwent- image

AN - 1994-019169 [03]
XA - C1994-008896
XP - N1994-014649
TI - Alkaline storage battery - has mechanism for sepg. terminal from seal cap when gas pressure in jacket becomes extremely high NoAbstract
DC - L03 X16
PA - (HITM) HITACHI MAXELL KK
NP - 1
NC - 1
PN - JP05325929 A 19931210 DW1994-03 H01M-002/12 7p *
AP: 1992JP-0154486 19920520
PR - 1992JP-0154486 19920520
IC - H01M-002/12 H01M-002/04 H01M-010/30
MC - CPI: L03-E01D
EPI: X16-B01A X16-F03
UP - 1994-03



Patent Group - 482
555/735 JAPIO(C) JPO

PN - JP 05325929 A 19931210 [JP05325929]
TI - ALKALINE STORAGE BATTERY
IN - YOSHIKAWA HIROKAZU; KITAI TATSUYA; IWAMARU FUTAYASU
PA - HITACHI MAXELL LTD
AP - JP15448692 19920520 [1992JP-0154486]
IC1 - H01M-002/12
IC2 - H01M-002/04 H01M-010/30
AB - PURPOSE: To provide a highly safe alkaline storage battery which is preventive of battery rupture even at the time of high battery internal pressure rise incapable of being dealt with by an ordinary battery rupture safety valve mechanism utilizing contraction of a metallic spring contained in an opening closure lid and the accompanying upward move of a valve body or its deformation.
- CONSTITUTION: Jointing portions of a terminal plate 5 and an opening/0 closure plate 9 constituting an opening/closure lid 7 are mutually fitted by soldering, adhesive or spot welding such that they will separate under high pressure. Accordingly, by utilizing release of electrical contact due to separation of the terminal plate 8 and the opening closure plate 9, the battery reaction is suspended to stop gas evolution.